

## APPENDIX A

**[0073]      Application Definition File Schema**

**[0074]      An exemplary XSD schema used to define an application according to embodiments of the invention follows.**

```
<?xml version="1.0" encoding="utf-8" ?>
<xs:schema
targetNamespace="http://alerts.microsoft.com/hosted/2003/07/application"
elementFormDefault="qualified"
xmlns="http://alerts.microsoft.com/hosted/2003/07/application"
xmlns:mstns="http://alerts.microsoft.com/hosted/2003/07/application"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:simpleType name="Category_t">
    <xs:restriction base="xs:string">
      <xs:maxLength value="16" />
    </xs:restriction>
  </xs:simpleType>
  <xs:complexType name="CpInfo_t">
    <xs:sequence>
      <xs:element name="Cpid" type="xs:integer" />
      <xs:element name="Password" type="xs:string" />
      <xs:element name="Uri" type="xs:anyURI" />
      <xs:element name="ReplyToEmail" type="xs:string" />
      <xs:element name="DefaultMarket" type="xs:string" />
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="Categories_t">
    <xs:sequence>
      <xs:element name="Category" type="Category_t" minOccurs="0"
maxOccurs="unbounded" />
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="Locales_t">
    <xs:sequence>
      <xs:element name="Locale" type="xs:string" minOccurs="0"
maxOccurs="unbounded" />
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="PageText_t">
    <xs:sequence>
      <xs:element name="HomePage_Heading" type="xs:string" />
      <xs:element name="HomePage_SubHead" type="xs:string" />
      <xs:element name="HomePage_BulletTwo" type="xs:string" />
      <xs:element name="ViewPage_Heading" type="xs:string" />
      <xs:element name="ViewPage_SubHead" type="xs:string" />
      <xs:element name="ViewPage_CatHead" type="xs:string" />
    </xs:sequence>
  </xs:complexType>
</xs:schema>
```

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        <xs:element name="ViewPage_SchedHead" type="xs:string" />
        <xs:element name="EditPage_Heading" type="xs:string" />
        <xs:element name="EditPage_SubHead" type="xs:string" />
        <xs:element name="AddPage_Heading" type="xs:string" />
        <xs:element name="AddPage_SubHead" type="xs:string" />
        <xs:element name="AddPage_ChooseCat" type="xs:string" />
        <xs:element name="AddPage_ChooseTime" type="xs:string" />
    </xs:sequence>
</xs:complexType>
<xs:complexType name="CategoryBasedScheduleScenario_t">
    <xs:sequence>
        <xs:element name="Categories" type="Categories_t" />
    </xs:sequence>
</xs:complexType>
<xs:complexType name="Scenario_t">
    <xs:sequence>
        <xs:element name="Locales" type="Locales_t" />
        <xs:choice>
            <xs:element name="CategoryBasedScheduleScenario"
type="CategoryBasedScheduleScenario_t" />
        </xs:choice>
    </xs:sequence>
    <xs:attribute name="name" type="xs:string" use="required" />
    <xs:attribute name="type" type="xs:string" use="required" />
</xs:complexType>
<xs:complexType name="Schema_t">
    <xs:sequence>
        <xs:element name="Scenario" type="Scenario_t" minOccurs="0"
maxOccurs="unbounded" />
    </xs:sequence>
</xs:complexType>
<xs:complexType name="UICpInfo_t">
    <xs:sequence>
        <xs:element name="Name" type="xs:string" />
        <xs:element name="SignupText" type="xs:string" />
        <xs:element name="SignupImage" type="xs:string" />
        <xs:element name="Icon" type="xs:string" />
    </xs:sequence>
</xs:complexType>
<xs:complexType name="UICategory_t">
    <xs:sequence>
        <xs:element name="Category" type="xs:string" />
        <xs:element name="Display" type="xs:string" />
    </xs:sequence>
</xs:complexType>
<xs:complexType name="UICategories_t">
    <xs:sequence>
        <xs:element name="Category" type="UICategory_t" minOccurs="0"
maxOccurs="unbounded" />
    </xs:sequence>
</xs:complexType>
<xs:complexType name="UIScenario_t">
    <xs:sequence>
        <xs:element name="Scenario" type="xs:string" />
        <xs:element name="Display" type="xs:string" />
    </xs:sequence>
</xs:complexType>

```

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</xs:sequence>
</xs:complexType>
<xs:complexType name="UIScenarios_t">
  <xs:sequence>
    <xs:element name="Scenario" type="UIScenario_t" minOccurs="0"
maxOccurs="unbounded" />
  </xs:sequence>
</xs:complexType>
<xs:complexType name="UICategoryBasedSchedule_t">
  <xs:sequence>
    <xs:element name="DisplayName" type="xs:string" />
    <xs:element name="LogoGraphic" type="xs:string" />
    <xs:element name="PageText" type="PageText_t" />
    <xs:element name="Scenarios" type="UIScenarios_t" />
    <xs:element name="Categories" type="UICategories_t" />
  </xs:sequence>
</xs:complexType>
<xs:complexType name="UISubscription_t">
  <xs:choice>
    <xs:element name="CategoryBasedSchedule"
type="UICategoryBasedSchedule_t" />
  </xs:choice>
  <xs:attribute name="type" type="xs:string" use="required" />
</xs:complexType>
<xs:complexType name="UserInterface_t">
  <xs:sequence>
    <xs:element name="CpInfo" type="UICpInfo_t" />
    <xs:element name="Subscription" type="UISubscription_t" />
  </xs:sequence>
  <xs:attribute ref="xml:lang" use="required" />
</xs:complexType>
<xs:complexType name="UserInterfaces_t">
  <xs:sequence>
    <xs:element name="UserInterface" type="UserInterface_t" minOccurs="1"
maxOccurs="unbounded" />
  </xs:sequence>
</xs:complexType>
<xs:complexType name="Application_t">
  <xs:sequence>
    <xs:element name="CpInfo" type="CpInfo_t" />
    <xs:element name="Schema" type="Schema_t" />
    <xs:element name="UserInterfaces" type="UserInterfaces_t"/>
  </xs:sequence>
</xs:complexType>
<xs:element name="Application" type="Application_t" />
</xs:schema>
```